

METHOD AND SYSTEM FOR PROVIDING MULTI-CHANNEL
FUNCTIONALITY WITH A TELECOMMUNICATION DEVICE

5 COMPRISING A SINGLE CHANNEL

ABSTRACT OF THE DISCLOSURE

A method for providing multi-channel functionality with a telecommunication device (10) comprising a single
10 channel is provided. The method includes dividing a scan chain (34) of digital logic components (24) into a plurality of sub-chains (42). A first data set is provided in the sub-chains (42). The sub-chains (42) are linked in parallel. The sub-chains (42) are linked to a
15 device memory (18). A first application is executed to update the first data set in the sub-chains (42). The first application is operable to use the channel. The updated first data set is stored in the device memory (18). A second data set is restored from the device
20 memory (18) to the sub-chains (42). A second application is executed to update the second data set in the sub-chains (42). The second application is operable to use the channel.